

REMARKS

Favorable reconsideration of this application, as presently amended and in light of the following discussion, is respectfully requested.

Claims 1, 6-22, 27 and 31-42 are pending, with claims 1, 6-10, 12-13, 15, 17-18, 20-22, 27, 31-36 and 38-41 amended by the present amendment. Claims 1 and 22 are independent.

In the Official Action, claim 22 was objected to; and claims 1, 6-22, 27 and 31-43 were rejected under 35 U.S.C. § 103(a) as being obvious in view of Otsuka (U.S. Patent Pub. No. 2003/0021593) and deCarmo (U.S. Patent No. 6,138,175).

Applicant traverses the objection to claim 22. Claim 22 purposely uses the term “operably,” which is term common to U.S. claim drafting practice.

Claims 1 and 22 are amended to more clearly describe and distinctly claims Applicant’s invention. Claims 6-10, 12-13, 15, 17-18, 20-21, 27, 31-36 and 38-41 are amended to maintain antecedent support. No new matter is added.

Briefly recapitulating, claim 1 is directed to

A method for controlling a playback operation in a media player device, the method comprising:

receiving a user input for selecting one of N operating states of the media player device, each of the N operating states including first and second coincident operational modes of the media player device, the first coincident operational mode including reproducing audio/video (A/V) data recorded on a recording medium according to one of X playback states, the second coincident operational mode including processing additional data recorded on the recording medium or provided from a remote content provider according to one of Y operation states, where $N = X \times Y$; and

operating the media player device in the one of the N operating states in response to the user input.

Independent claim 22 recites, *inter alia*, a controller configured to

receive a user input for selecting one of N operating states of the media player device, each of the N operating states including first and second coincident operational modes of the media player device, the first coincident operational mode including reproducing audio/video (A/V) data recorded on a recording medium according to one of X playback states, the second coincident operational mode including processing additional data recorded on the recording medium or provided from a remote content provider according to one of Y operation states, where $N = X \times Y$, and

operate the media player device in the one of the N operating states in response to the user input.

Otsuka describes an optical disc player 100 that can operate in at least two modes: a video playback mode and a user agent mode. In video playback mode, the optical disc player 100 functions to access and display video content stored on the local optical disc 116, such as would a standard DVD player. In video playback mode, the video menu displayed on displaying device (e.g. television, computer monitor) is used to control the playback of the video content. In user agent mode, the optical disc player is configured to run a user agent program (e.g. a browser) to allow a user to access website documents on a network or stored in the local optical disc 116, and perform various functions associated with the website document. In the user agent mode, the video content stored on the local optical disc 116 may be shown in a framed window within the user agent window. In user agent mode, the user agent menu is used to control the playback of the video content.

DeCarmo describes a DVD navigation system having an optimizer that optimizes navigational commands to reduce the amount of memory required to cache the commands. The optimizer re-orders command sequences before they are interpreted in order to permit their execution in parallel. After re-ordering the commands, the optimizer routes commands to either a

primary or secondary execution unit for parallel execution. Each execution unit executes navigational commands and, in an object-oriented environment, each of the execution units according to the illustrative embodiment would be implemented as a separate object having its own state.

The optimizer 214 of deCarmo includes a combination unit 218 and a parallelization engine 220. Operation of the combination engine 218 is set forth in flow chart of FIG. 4. In step 402, the combination engine 218 retrieves a command. Then the combination engine retrieves the command from navigation engine 208 as the commands are read from the disc 202. From step 402, the process proceeds to step 404, where the combination engine determines whether the command just retrieved is a Set System command such as SetSTN, SetNVTMR, etc., which sets the internal system parameters of the player 200. If the command is a SetSystem command, the process proceeds to step 406 where the next command is retrieved and from there to step 408 where this "next" command is examined to determine whether it is a LINK command, such as, LINKPGCN, LINKPTTN, etc. If the command is a LINK command, the process proceeds to step 410 where the two commands are combined into one SetSystemLink command. From step 410, the process proceeds to step 412, where the combined command is stored in the storage unit 216.

However, both Otsuka and deCarmo do not disclose or suggest a) receiving a user input for selecting one of N operating states of the media player device, each of the N operating states including first and second coincident operational modes of the media player device, the first coincident operational mode including reproducing audio/video (A/V) data recorded on a recording medium according to one of X playback states, the second coincident operational

mode including processing additional data recorded on the recording medium or provided from a remote content provider according to one of Y operation states, where $N = X \times Y$; and b) operating the media player device in the one of the N operating states in response to the user input.

As none of the cited art, individually or in combination, discloses or suggests at least the above-noted features of independent claims 1 and 22, Applicant submits the inventions defined by claims 1 and 22, and all claims depending therefrom, are not rendered obvious by the asserted references for at least the reasons stated above.¹

¹ MPEP § 2142 "...the prior art reference (or references when combined) must teach or suggest all the claim limitations.

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Docket No.: 1630-0426PUS1

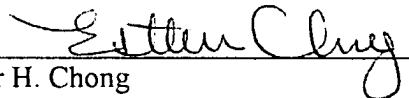
Conclusion

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Michael E. Monaco, Reg. No. 52,041 at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

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Respectfully submitted,

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